

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Serial No. .... 10/627,281  
Filing Date ..... Jul 25, 2003  
Inventorship ..... Anne Kirsten Eisentraeger  
Applicant.....Microsoft Corporation  
Group Art Unit..... 2132  
Examiner ..... THOMAS R PEESO  
Attorney's Docket No. .... MS1-1275US  
Title: .....Improved Weil and Tate Pairing Techniques Using Parabolas

**RESPONSE TO FINAL OFFICE ACTION DATED**  
**JANUARY 11, 2008**

To: Commissioner of Patents and Trademarks  
Mail Stop Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

From: David W. Foster (Tel. 509-324-9256 ext 219; Fax 509-323-8979)  
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**INTRODUCTORY COMMENTS**

**A Claims Listing** begins on page 2 of this paper.

**An Interview Summary** begins on page 15 of this paper.

**Remarks** begin on page 16 of this paper.